



Renewable Resources Fact Sheet

NV Energy, using the most advanced technologies for a cleaner, balanced energy future



NV Energy has been providing some form of renewable energy to Nevada customers since the development of small hydro-power plants in the early 1900s. Customers have been benefiting from geothermal energy since the mid 1980s.

Today, the company continues to be strongly committed to both large- and small-scale renewable energy developments. We currently have contracts for more than 500 megawatts of renewable energy. We also are investing directly in new company-owned renewable projects.

Renewable Portfolio Standard

In 1997, Nevada became one of the first states to set a standard for investor-owned electric utilities to generate power from renewable resources. The legislature – mandated Renewable Portfolio Standard has been increased several times since then, and is one of the country’s most aggressive. It calls for continually increasing the percentage of renewable energy in NV Energy’s supply mix. In 2008, NV Energy was able to meet the Standard. As the Standard increases, the company has plans to bring on more renewable projects so that renewable energy will make up at least 25 percent of power sold to customers by 2025.

Currently, 27 renewable energy plants help power NV Energy customer needs. Those renewable plants include a wide range of geothermal, solar, wind, waste heat recovery, hydro and biomass sources.

Seeking New Resources

NV Energy is a leading renewable energy provider. Across the nation, NV Energy ranks 1st in geothermal watts per person and 3rd in solar power capacity. Three new geothermal plants totaling 120 megawatts are under construction, adding to the 200 megawatts already in operation. The 64 megawatt Nevada Solar One plant is the

largest solar energy facility built in the last 15 years, and the 14 megawatt Nellis plant is the largest photovoltaic solar facility in the Western Hemisphere. In partnership with RES Americas, NV Energy is co-developing a 200-megawatt wind project near Jackpot, Nevada. Called the China Mountain Wind Project, this will be Nevada’s first major wind development and is expected to be operational by 2012.

By 2015, NV Energy expects to have spent more than \$2 billion on purchases and investments in new renewable energy and the required transmission lines that will be used to meet the Renewable Portfolio Standard.

Nevada’s Renewable Energy Requirements

Date	Requirement
2009-2010	Not less than 12 percent of the total amount of retail electricity sold must be renewable energy, and not less than 5 percent of that energy must be solar power.
2011-2012	Not less than 15 percent
2013-2014	Not less than 18 percent
2015-2019	Not less than 20 percent and not less than 6 percent of that energy must be solar power hereafter
2020-2024	Not less than 22 percent
2025 and after	Not less than 25 percent



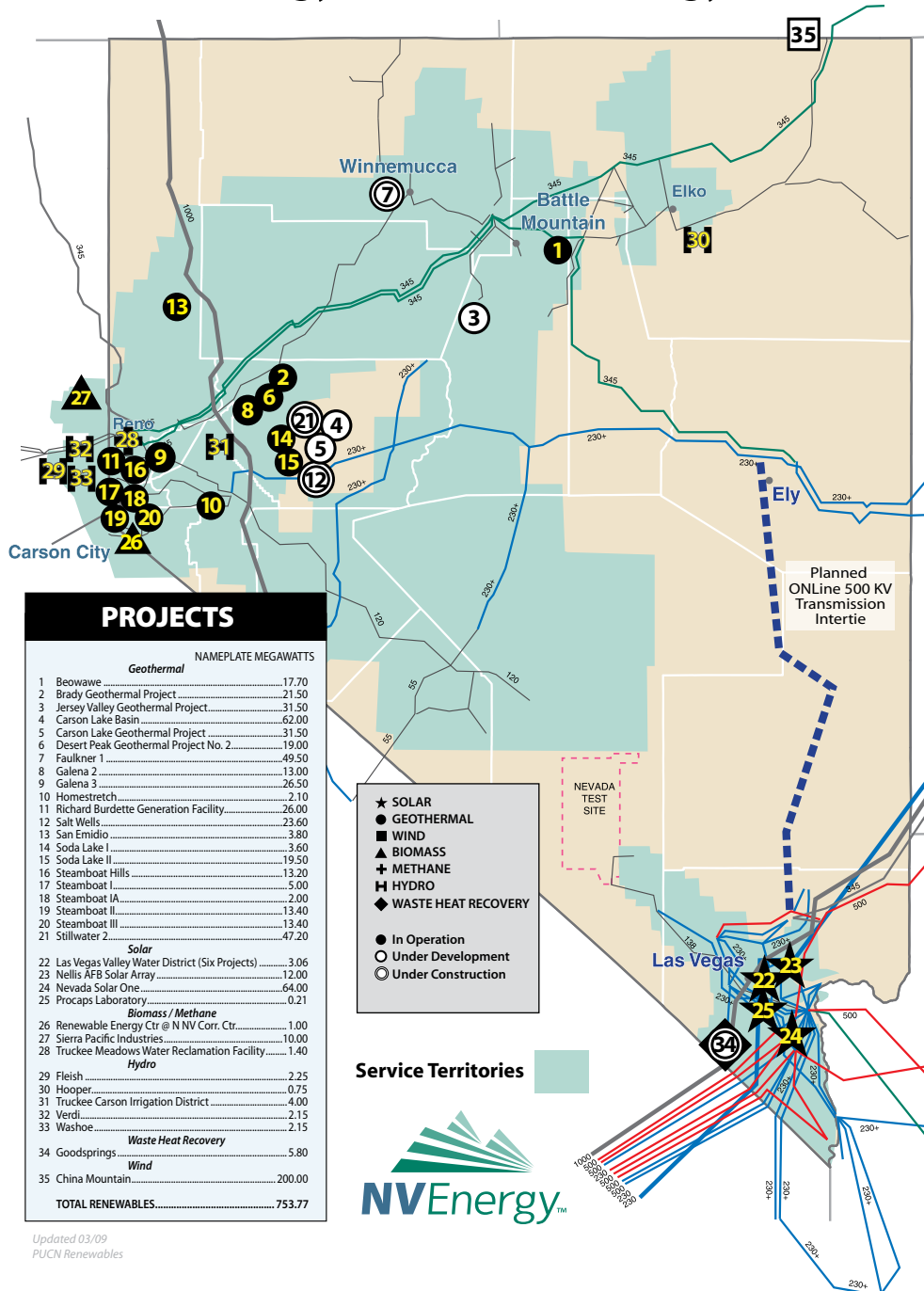


Transmission Solution

In order to physically link the power generated in the north with the power generated in the south, a 236-mile transmission line has been planned. The transmission line, referred to as "On Line", is a critical link for adding more renewable resources and further diversifying Nevada's power portfolio.

The transmission link between northern Nevada and southern Nevada will, for the first time, allow all Nevadans to benefit from renewable energy generated anywhere in the state. Northern Nevada customers will be able to use the solar power that is generated in southern Nevada. The new transmission line also will be used to send northern Nevada's abundant geothermal power and wind power to customers in southern Nevada.

NV Energy's Renewable Energy Sources



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